

International Application No.: PCT/JP2004/011908
U.S. Patent Application No.: Unknown
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IN THE ABSTRACT:

Please replace the Abstract of the Disclosure originally filed with the above-identified patent application with the following Abstract:

ABSTRACT OF THE DISCLOSURE

~~A surface acoustic wave filter which has a balance-unbalance converting function and which can improve the degree of balance, and a communication apparatus including the filter are provided.~~

———In a longitudinally-coupled-resonator surface acoustic wave filter unit 501—having a first interdigital transducer—503, a central interdigital transducer—504, a second interdigital transducer—505, and first and second reflectors 506—~~and 507—~~by which arranged such that the interdigital transducers are provided therebetween, for one comb electrode of the central interdigital transducer—504, first and second comb electrodes 516 ~~and 517~~, which are substantially symmetrically bisected along a surface-acoustic-wave propagation direction, are provided. Between the first and second comb electrodes 516 ~~and 517~~, in one side ~~and the other side~~ around an imaginary central axis ~~A assumed to be orthogonal to the surface-acoustic-wave propagation direction~~, a design parameter of at least one of the interdigital transducers—503, 504, ~~and 505~~, and the reflectors 506 ~~and 507~~ is set to differbe different from one another.